

WPI

TI - Image data production apparatus for image database - has process unit which matches image data and position data based on corresponding time information

AB - JP10023398 The apparatus includes an image pick-up unit (1) and a GPS (3) which are installed in a vehicle (8). A VTR (2) receives and records image data, which is picked up by the image pick-up unit with corresponding time information.

- A position output unit receives the position information of moving body and outputs the position information with corresponding time information. A process unit (6) matches the image data and position data based on corresponding time information.

- ADVANTAGE - Matches image data and position data simply. Shortens image data production time.

- (Dwg. 1/6)

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PA - (SHUT-N) ZH SHUTO KOSOKU DORO GIJUTSU CENT

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IC - B60R21/00 ;G01B11/00 ;G06T1/00 ;H04N7/18

AN - 1998-152346 [14]

PAJ

TI - IMAGE DATA GENERATOR

AB - PROBLEM TO BE SOLVED: To allow a user to simply make image data in cross reference to position data by handling position data as distance data denoting a distance from a specific position, using a position measurement means for a distance measurement means and using a position output means for a distance output means.

- SOLUTION: An image data generator is made up of an image pickup device 1 and a GPS 3 or a distance meter 4 mounted on a mobile body 8. Image data picked up by the image pickup device 1 are recorded by a VTR 2. Position data obtained by the GPS 3 or the distance meter 4 are given to a computer 6, and stored in a memory 7 with a measurement time. A pulse counter 5 counts the number of output pulses to obtain a distance depending on the number of the pulses. Since the measured distance is in cross reference with the measured time, the measured distance and time are both stored in the memory 7. In order to make cross reference between image data and position data in on-line in the case of image pickup, the computer 6 is synchronized with the VTR 2 to read the image and the position data from the GPS 3 or the counter 5 are received to make the image data and the position data at the same time in cross reference with each other and the resulting data are stored in the memory 7.

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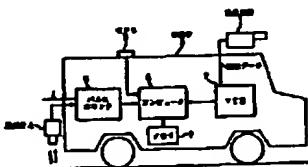
ABV - 199805

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